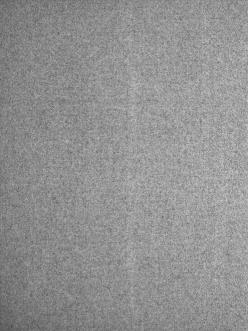
Corbin Coal & Coke Company

REPORT

March 1st, 1913





The Corbin Coal & Coke Company



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Coal Moussain, Property of Corbin Coal & Coke Company



OR the information of the stockholders of the Corbin Coal & Coke Co., Limited, I have deemed it proper to issue a report embracing all matters of interest to them in connection with their property.

The report would have been issued at an earlier date, but I thought advisable to delay it until full title to all the Company's properties had been secured from the Government of

British Columbia.

Referring to my letter of February 8th, 1912, to Messrs, Day & Heaton, relative to the issue of \$600,000.00 Corbin Coal & Coke Co., Limited, stock, I beg to report that all of that stock has been sold at par, and with the proceeds the Company has:

Bought, cancelled and released from record, \$420,000.00 Eastern British Columbia Railway Co. first mortgage bonds, being all the bonds issued by that Company, at 105\$441,000.00

Bought and paid for right-of-way and survey of Flathead

Valley Railway. 22,066.31
Secured the absolute fee of seven square miles of coal lands, and applied the balance towards construction of 81/2 miles of standard gauge railroad to No. 3 mine____ 136,933.69

\$600,000.00

It was at first contemplated running a more direct line from Corbin to No. 3 mine—a distance of about 1% to 2 miles. but careful surveys, and taking into consideration the factor of safety in handling loaded trains, a change of plan to a switch back road was adopted, and 81/2 miles were built and practically completed early in November, 1912. It was expected that this work might be finished by September 1st, but almost continuous heavy rains during the latter part of the summer and fall, and a great scarcity of labor delayed the work until winter came on, which explains why the operation of No. 3 mine has been delayed.

The snows of the past winter were unusually heavy, but we hope to have No. 3 mine uncovered and in condition to be taking coal from the surface workings of this mine by August of this year, and I have assurances from our Engineer that once in operation, winter snows will not hinder continuous work.

The cost of construction of the extension to No. 3 mine has been greater than was first anticipated, owing to the increased length of line, but I think it was fully justified by the increased safety and efficiency in the operation of the road, 31/2 miles of

which is part of the Flathead Valley Railway, and located on its acquired right of way to the International Boundary, in the direction of Butte, Montana.

This increased cost, and the purchase of motive power and other machinery, amounted to about \$84,000.00, which amount has been borrowed and is the only debt of the Company.

The Company now owns in absolute fee, with Crown Grant title from the Government of British Columbis, twenty-four square miles of coal lands, considerable of which is cowered with heavy timber; twenty-two miles of standard gauge railway laid with heavy rails; large terminals at McGillivray, B. C., at our connection with the Canadian Pacific Railway; 3 locomotives; 100 coal cars; passenger and freight cars; a plant at Corbin with complete equipment at No, I mise sufficient to handle 2,500 tons of coal daily; compressed air locomotives and coal cars; complete electric light plant; a water system with sufficient pressure to afford ample protection against fire, and houses for all its employees and their families.

This property, as shown by the accompanying map, is situated near the Crows Nest Division of the Canadian Pacific Railway in Eastern British Columbia, connection with which is made by the Coal Company's road, at McGillivray station, where this Company has large terminal grounds and ample yards and tracks for handling all business.

The Company's railway extends from McGillivray along the valley of the Michel River to the town of Corbin, which is centrally located on the Company's property. The Company has not parted with any of its ground and is in a position to absolutely control its surroundings.

There is little to add to Engineer Roberts' report as of November, 1911, except to say that the removal of a portion of the overburden from the coal of No. 3 mine confirms his conclusions in that report.

No. I mine has been operated with but little change, and the output has been reduced considerably on account of the difficulty in securing miners after the miners' strike in 1911. Mining operations have also been restricted somewhat awaiting rail connection with No. 3 mine and other coal properties of the Company, from which coal can be mined at much less cost, and therefore at a much better profit.

For the further information of stockholders I have attached to this report balance sheet as of March 1st, 1913, a copy of Engineer Roberts' report of November, 1911, and a copy of my letter to Messrs. Day & Heaton, of February &th, 1912, together with photographs of coal mountain, showing the switch-best railway from Corbin to No. 3 mins, and others that may be

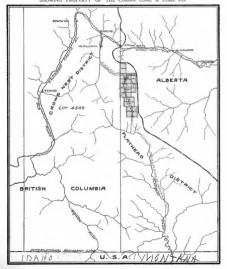
Respectfully submitted, D. C. CORBIN. President.



Power House and Tipple, No. 1 Mine.

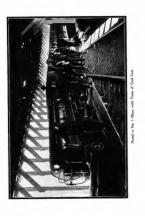
Map of Crows Nest and Flathead Districts British Columbia

SHOWING PROPERTY OF THE CORBIN COAL & COKE CO.





Tremway to Topple, Mine No. I, and Miners' Houses





Boarding House Test, 30×80 Fast, Used During Construction of Road to No. 3 Mine, the Floor of Which is Coal in Place



The Right of this Photograph Shows Coal in Place after Removal of Overburden-No. 3 Mine



CORBIN COAL & COKE COMPANY BALANCE SHEET AND STATEMENT OF CONDITION AFTER CLOSING

MARCH 1st, 1913

Property Investment Property	CAPITAL ASSETS		CAPITAL LIABILITIES	ABILITIES	
154,797,29 Capital stock contracting 5 7,7 10 14 154,797,24 5 4,279,223 96 Capital stock contracting 5 7,7 10,269 23 154,797,24 5 4,279,223 96 Capital stabilists 154,745,24 5 4,279,223 96 Capital stabilists 154,44 1	ent \$ 5,850,000.00	an overall filler	Capital stock authorized \$10,000 Capital stock unissued 3,000	0,000 00	
156,797,50 4 6,239,223 9	Is 227,320 34		Capital stock outstanding		7,000,000.00
1,1,8,7 1,1,8,7 1,1,8,1,8 1,1,8,1,	12				
# 7.101.089.39 Working Lakillian Course accounts per- 59.841.14 E. E. C. P., tells reg- 39.841.14 E. E. C. P., tells reg- 39.841.19 E. E. C. P., tells	Other Investments Eastern B. C. Ry \$ 640,000 00 F. V. Ry, Franchise				
1,18.7.7.2 2,17.8.5.0 2,5.6.1.1.4 Cornect actualities Co	Total Capital Assets	\$ 7,101,889.29			
162,949,69 105,947,49 109,374,79 109,374,79 109,100 109,100 100 100 100 100 100 100 100 100 100				9,919.91	
109,374 79 Balance—Profit and loss account	01	167,949.69		336.10	30 366 01
	rro-		ñ		308,957.76

Mesara Day & Heaton, 80 Broadway, New York.

Sits. The Cerbon Coal & Coke Co., Limsted, was organized under the loss of the State of Washington in 1907, with a paid in capital stack of \$1900.0000, which was used to sequire and develop an area of coal lands in the southeastern part of Bittable Columba in the heart of the Crove x Nest Duttert, companing seventeen squares males, of which ser were owned in fee, and eleven by grasts in perpetitely from the Covernaeura of British Columba. After the property was equivant, the Eastern British Columba. Stadiever, footteen miles in bright, from McGillevery status on the state of the Covernaeura of British Columba. After the property was acquared, the Eastern British of Columba. Stadiever, footteen miles in bright, from McGillevery status on the state of the state of the Stadievery. State of the Stadievery for the Stadiever

In the first two years of the Company's life, Mine No. I was opened by a man working double tack tunned fourteen fest in workh and driven in one he was, which stands seally perpendicular, a distance of about 2,200 feet. At 1,000 feet an upranse of 600 feet was made to the surface, all in cool and cross-cutz mut distances of about one handred feet apart on the vens, which has proven at to be from fifty to two hundred feet wide.

In 1910 the Company uncreased et capital stock from \$1,000,000.00 to \$2,000,000.00 of which increase \$1,000,000.00 of methical ferries substituted for each at pare. The remaining \$400,000.00 has not been usued and in the event the passar capital in \$1,000.00 of the event the event in \$1,000.00 of the event the event in \$1,000.00 of the event in \$1,0

A considerable portion of the lands owned by the Company is covered by heavy timber, estificient to furnish all tumber required for mixing and other company pur poses for a very long period. Exploration work has proven that coal exists on nearly all of the land owned by the Company and indicates that the coal exists on nearly and each a dataset of eight to ten miles through the Company's property.

Maios No. 3, which has been known as the Big Showang; "in a contrastation of Mars No. 1, and about a mile directar from the operange on the latest, and above on the surface contrasted of points of bigh grade cost, analyzing been 64% to 65%, particularly the contrast of the contrast of

The Company proposes to forense its capital stock from \$2,000,000.00 to \$10,000,000.00 to of the additional stock. \$1,000,000.00 will be presently resent. \$6,400,000.00 to less thank as attack dividend to the holders of the present \$1,600,000 to used stock, four shares of new stock to be given a texchange for one share of present stock. This stock dividend is read to represent the actual value of the Company of the stock of the st

The proceeds thereof to be applied:

- (1) To redeem all the outstanding \$420,000.00 Eastern British Columbia Railway Company 6% bonds above men-
- tioned at 105 \$441,000.00
 (2) To construct a spur railway to No. 3, three or four sules____
- held under Government grant...

 (4) To acquire charter (already granted) and rights of way pacessary to construct a railroad from the Company's prop
 - erty through the Flathead Valley to the Montana Boundary ... 159,000.00

The Company has at present a working capital of \$100,000.00

I estimate that the railway tracks can be extended to Mone No. 3 and the coal convocered, ready for extend money or quastryan, not later than August week. When coal can be put on care at a cont that will insure a market for an output of 1,500 to 100 tons per day, showing a margin of priori inflinent to pay a divised of 5% on the their customability 37,000,000 to stock from the first year's operations, and it is not been considered and of the control of

The following is analysis of a sample of coal from the mines, collected at various openings and from surface showings, made by one of the best authorities in New York.

100.00

Superintendent Roberts, as per lux report heretofore familised yeu, to what references a hardy made, estimates that the verse now developed and hong worked on the two square mides of land contain 50,009,000 tone of coal. Readest Superintendent Somit, who has dweet charges at the mone; concides with Mr Roberts, and addition to the same of the contained to the same of the contained to the contain

The Company has never parted with a foot of ground, and at the town of Corbin, which is its headquarters, we have constructed and own all the necessary houses for housing meners, have a complete water system with 600-foot pressure, for fire protection, an electric light plant and all necessary power, power houses, typic, etc., etc.

Of the proposed increase of capital to \$10,0000,000.00 on issue of \$7,000,000.00 on authorized, and the remaining \$3,000,000.00 cannot be issued without the consent of a majority of all the stock.

The chastre to countrust the railroad through the Flathead Volley, which it is prosed to enquer, was grateful in February, 1959, and consider is accipation by the proposed to enquer, was granted for a read through the Flathead Volley, and it is against the policy of the Government to granted for a read through the Flathead Volley, and it is against the policy of the Government to granted for a read through the Flathead Volley, and it is against the policy of the Government of the same were made in 1902, naps of whell see on this in the proper Government of the grant characteristic section for the intervent of the proper Government of the proper Government of the grant of the Government of the grant proper than the characteristic section of the grant proper than the grant proper tha

Respectfully submitted,

D. C. CORBIN, President.

Report on Properties of the Corbin Coal & Coke Company

The property of the Corbin Coal & Coke Company consists of Property

twenty-four source miles of coal lands situated in the center of the Crows Nest coal fields of Southeastern British Columbia. It lies on the west slope of the main range of the Rocky Mountains at the headwaters of the south fork of Michel Creek, along which is constructed the Eastern British Columbia Railway, fourteen miles in length, connecting the coal properties with the Crows Nest branch of the Canadian Pacific

Railway.

Since the beginning of development work in 1908, all mining work has been confined to one square mile and on three seams only, although some prospecting has been done on several other seams that exist on the property.

Seam No. 1

Railway

Connection

The principal development has been done on No 1, which is a very large seam, standing nearly perpendicular and running north and south through the center of Coal Mountain. The work consists of driving a main working tunnel along the seam for a distance of about 2,000 feet into the mountain, cross-cutting the deposit, making up-raises to the surface and driving levels from these up-raises for the purpose of blocking out the coal within that section. The end of the tunnel is about 1,000 feet below the surface of the mountain. This seam varies in width from 50 to 200 feet and is opened up

Width of Vein Quantity

from the tunnel level to the surface. The continuity of the vein is proven by open pits on the surface and by diamond drill work. Judging from the amount of coal blocked out by the work to date. I figure that when the working tunnel is extended into the mountain 7.000 feet to a point below the last surface opening and diamond drill work the amount of coal developed will be fully twenty-five million tone, without figuring any recovery of coal below the tunnel level, the Soor of which is all in coal; and of this amount we have at least four

million tone actually blocked out above the working tunnel.

Mining

Owing to the large size of the vein, the "Caving System" of mining has been used working the coal from the top downwards and estimate that fully 80% of the workable coal can be mined. Our previous work has shown that with a production of 1,000 tons a day this seam can be mined and put on the cars for not to exceed

Cost Timber

\$1.35 per ton.

Next to labor, the largest item of expense in cost of mining this large seam is the matter of timber, but as the property of the Company is heavily timbered, this supply can be furnished for the actual cost of cutting and transportation to the mine.

New Equipment

If all the coal from seam No. I should be marketed as "run-of-mine" the present equipment would be ample to handle future operations, but if the Company should decide to produce all sizes of coal for the market, there would be required a new tipple of the latest design to meet these requirements, and this equipment would probably cost \$50,000.00.

Seam No. 2 Seam No. 2 is a smaller vein of coking coal upon which but a limited amount of work has been done.

Seam No. 3

Tramway

Railway

Maps

Extension

Sum No. 5, as far as can now be determined, rose passified with Scan No. 1 for its active length. The work on this seam consiste Scan No. 1 for its active length. The work on the seam consiste consecut tunnel across the seam 270 feet in coal, and diamond defilling along and across the strike of the vain to determine as nearly as passified the extent and amount of coal evallable on ground proven to data. From coal can be mindled by common day labor, without employing miners. The work would consist of simply removing the over-burden, which is endlarge mountain debts, and then quarrying out the coal. I are as

Facilities for Handling and a thousand feet above in elevation. There are under consideration ways of handling this coal, and when either is installed, I figure the expense of stripping, mining and putting the coal on cars ready for market would be considerable less than 50 cents a than 50.

within the same territory.

One method under consideration consists of building an aerial bucket transvey from the coal deposit to some convenient point on Michael Creek, and a saitable tipple to properly handle the ceal. The expense of installing a transvey with a capacity for handling one hundred tons an hour, building proper tipple, and extending the railway, would unbable be about \$100.000.000.

An alternative proposition for handling the coal would be to extend a spur from the proposed Flathead Valley Railway to the coal deposit. This would cost, with proper tipple facilities at terminus, not far from \$125,000.00, and, all things considered, would probably be preferable.

As coal from seam No. 3 can be mined for considerable less than one-half what it costs to produce coal from seam No. 1, I suggest that the Company install such equipment as may be necessary to properly handle the coal and put it in the most marketable condition.

[] estimate that with an average daily production from this seam of 2,400 tons, the profits would be \$3,000.00 daily, or over \$1,000,000.00 per year, and that the quantity of coal now proven in seam No. 3 would pay over \$5,000,000.00 in dividends.

Accompanying this report, I hand you a map of the Company's holdings; also a map showing the vertical section through Coal Mountain, parallel with the workings on seams I and 3.

E. J. ROBERTS, Superintendent.

